

Date: Fri, 26 Aug 94 16:31:44 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #964
To: Info-Hams

Info-Hams Digest Fri, 26 Aug 94 Volume 94 : Issue 964

Today's Topics:

 ARLB069 FCC call sign update
 Daily Summary of Solar Geophysical Activity for 23 August
 GB2RS News 28th August 1994
 Ham ftp sites
 International callsign server?
 Lightning Bolt Antennas
 Paddle Adjustment
 PK232 software? Where?

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Fri, 26 Aug 1994 02:29:56 EDT
From: psinntp!arrl.org!usenet@uunet.uu.net
Subject: ARLB069 FCC call sign update
To: info-hams@ucsd.edu

SB QST @ ARL \$ARLB069
ARLB069 FCC call sign update

ZCZC AG34
QST de W1AW
ARRL Bulletin 69 ARLB069

Date: Tue, 23 Aug 1994 21:36:58 MDT

From: ihnp4.ucsd.edu!news.cerf.net!gopher.sdsc.edu!nic-nac.CSU.net!
charnel.ecst.csuchico.edu!yeshua.marcam.com!zip.eecs.umich.edu!
newsxfer.itd.umich.edu!nntp.cs.ubc.ca!alberta!ve6mgs!usenet@@
Subject: Daily Summary of Solar Geophysical Activity for 23 August
To: info-hams@ucsd.edu

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DAILY SUMMARY OF SOLAR GEOPHYSICAL ACTIVITY

23 AUGUST, 1994

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(Based In-Part On SESC Observational Data)

SOLAR AND GEOPHYSICAL ACTIVITY INDICES FOR 23 AUGUST, 1994

NOTE: The background x-ray flux was less than A1.0 today. The energetic
electron fluence at greater than 2 MeV was normal.

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 235, 08/23/94
10.7 FLUX=071.9 90-AVG=078 SSN=038 BKI=3310 2110 BAI=005
BGND-XRAY=A1.0 FLU1=2.3E+05 FLU10=1.3E+04 PKI=3311 1122 PAI=007
BOU-DEV=027,023,005,004,013,7950,-10054,004 DEV-AVG=1146 NT SWF=00:000
XRAY-MAX= A8.1 @ 0633UT XRAY-MIN= A1.0 @ 2355UT XRAY-AVG= A2.1
NEUTN-MAX= +003% @ 1910UT NEUTN-MIN= -002% @ 2130UT NEUTN-AVG= +0.6%
PCA-MAX= +0.2DB @ 1755UT PCA-MIN= -0.2DB @ 1455UT PCA-AVG= +0.0DB
BOUTF-MAX=55229NT @ 0234UT BOUTF-MIN=55196NT @ 1655UT BOUTF-AVG=55215NT
GOES7-MAX=P:+000NT@ 0000UT GOES7-MIN=N:+000NT@ 0000UT G7-AVG=+068,+000,+000
GOES6-MAX=P:+129NT@ 2023UT GOES6-MIN=N:-024NT@ 0353UT G6-AVG=+096,+029,-008
FLUXFCST=STD:070,070,075;SESC:070,070,075 BAI/PAI-FCST=015,010,010/015,010,010
KFCST=2225 5112 2225 5112 27DAY-AP=011,015 27DAY-KP=3522 1223 3423 3333
WARNINGS=
ALERTS=
!!END-DATA!!

NOTE: The Effective Sunspot Number for 22 AUG 94 was 27.8.
The Full Kp Indices for 22 AUG 94 are: 2- 2- 1- 1+ 2+ 2o 3- 3+
The 3-Hr Ap Indices for 22 AUG 94 are: 6 6 3 5 10 8 12 19
Greater than 2 MeV Electron Fluence for 23 AUG is: 4.9E+06

SYNOPSIS OF ACTIVITY

Solar activity was very low. There were no events over the past 24 hours. New Regions 7769 (N10W47) and 7770 (S07E40) were numbered. Region 7770, a DAO group, made a rapid appearance but has produced no flares yet.

Solar activity forecast: solar activity is expected to be very low to low. Region 7770 has some potential for C-flare production.

The geomagnetic field has been at quiet to unsettled levels for the past 24 hours.

Geophysical activity forecast: the geomagnetic field is expected to be quiet to unsettled for the entire forecast period. High latitude stations may experience occasional short periods of active levels, during local nighttime.

Event probabilities 24 aug-26 aug

Class M	01/01/01
Class X	01/01/01
Proton	01/01/01
PCAF	Green

Geomagnetic activity probabilities 24 aug-26 aug

A. Middle Latitudes	
Active	30/20/20
Minor Storm	15/10/10
Major-Severe Storm	05/05/05
B. High Latitudes	
Active	30/30/30
Minor Storm	15/15/15
Major-Severe Storm	05/05/05

HF propagation conditions were near-normal over all regions. Transauroral paths experienced periods of minor signal degradation. Near-normal propagation is expected to continue over the next 24 to 72 hours. There may be some periods of additional minor signal degradation on transauroral paths over the next day or two.

COPIES OF JOINT USAF/NOAA SESC SOLAR GEOPHYSICAL REPORTS

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REGIONS WITH SUNSPOTS. LOCATIONS VALID AT 23/2400Z AUGUST

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-----
NMBR LOCATION  LO  AREA  Z   LL   NN MAG TYPE
7767  S14W35   299  0000 AXX  00  001 ALPHA
7769  N10W47   311  0000 AXX  01  001 ALPHA
7770  S07E40   224  0070 DAO  05  006 BETA
7766  N09W74   338                PLAGE
7768  S14W41   305                PLAGE
REGIONS DUE TO RETURN 24 AUGUST TO 26 AUGUST
NMBR LAT    LO
NONE

```

LISTING OF SOLAR ENERGETIC EVENTS FOR 23 AUGUST, 1994

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-----
BEGIN  MAX  END  RGN   LOC   XRAY  OP 245MHZ 10CM  SWEEP
NONE

```

POSSIBLE CORONAL MASS EJECTION EVENTS FOR 23 AUGUST, 1994

```

-----
BEGIN          MAX          END          LOCATION  TYPE  SIZE  DUR  II IV
NO EVENTS OBSERVED

```

INFERRED CORONAL HOLES. LOCATIONS VALID AT 23/2400Z

```

-----
ISOLATED HOLES AND POLAR EXTENSIONS
EAST  SOUTH WEST  NORTH CAR TYPE POL  AREA  OBSN
NO DATA AVAILABLE FOR ANALYSIS

```

SUMMARY OF FLARE EVENTS FOR THE PREVIOUS UTC DAY

```

-----
Date   Begin  Max   End   Xray  Op Region  Locn      2695 MHz  8800 MHz  15.4 GHz
-----
22 Aug: 0929  0933  0936  B1.9

```

REGION FLARE STATISTICS FOR THE PREVIOUS UTC DAY

```

-----
C   M   X   S   1   2   3   4   Total  (%)
--  --  --  --  --  --  --  --  ---  ---
Uncorrelated: 0   0   0   0   0   0   0   0   001  (100.0)

```

Total Events: 001 optical and x-ray.

EVENTS WITH SWEEPS AND/OR OPTICAL PHENOMENA FOR THE LAST UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	Sweeps/Optical Observations
22 Aug:	0929	0933	0936	B1.9				V

NOTES:

All times are in Universal Time (UT). Characters preceding begin, max, and end times are defined as: B = Before, U = Uncertain, A = After. All times associated with x-ray flares (ex. flares which produce associated x-ray bursts) refer to the begin, max, and end times of the x-rays. Flares which are not associated with x-ray signatures use the optical observations to determine the begin, max, and end times.

Acronyms used to identify sweeps and optical phenomena include:

II	= Type II Sweep Frequency Event
III	= Type III Sweep
IV	= Type IV Sweep
V	= Type V Sweep
Continuum	= Continuum Radio Event
Loop	= Loop Prominence System,
Spray	= Limb Spray,
Surge	= Bright Limb Surge,
EPL	= Eruptive Prominence on the Limb.

** End of Daily Report **

Date: Thu, 25 Aug 1994 18:23:24 +0000
 From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!europa.eng.gtefsd.com!
 sundog.tiac.net!news.sprintlink.net!demon!llondel.demon.co.uk!
 dave@network.ucsd.edu
 Subject: GB2RS News 28th August 1994
 To: info-hams@ucsd.edu

SB NEWS @ GBR < GB2RS \$GB2RS280894A

MAIN NEWS 28th August 1/13

Good morning. It's Sunday the 28th of August and here is the GB2RS news broadcast, prepared by the RSGB and intended for all radio amateurs and short-wave listeners.

First the headlines:-

Morse tests at the Telford Rally are not free

New RSGB telephone Hotline number

RSGB South West Regional Meeting in Bristol

And a new QSL sub manager for the G3LAA - NZZ series

First, we have an urgent announcement from the Telford Rally Group, organisers of the Telford Rally, who wish to apologise for any misunderstanding that resulted from their advertisement in the August edition of RadCom. They wish to point out that Morse Tests will be run in accordance with the rules laid down by the RSGB - the free item should refer to rooms made available for the Morse Tests by the Rally Group. Further Rally details are covered later on in this broadcast.

September RadCom was posted to all members at the beginning of last week. The leader, on page 4, has details of a new telephone Hotline for members, scheduled to commence on Monday 12th of September. The telephone number given is incorrect, the area code should be 0956 and not as printed. The correct number is 0956 70 73 73.

Early notification of the Regional Meeting for South West England and South Wales: The third RSGB Regional Meeting is scheduled to take place on Saturday the 22nd of October at the New Friend's Hall, Purdown, Stapleton, Bristol. The doors will open at 12.30pm, when light refreshments will be available and the meeting will commence at 2pm. Several members of Council will be in attendance plus HQ staff. Further details will appear in October RadCom and via GB2RS news service over the coming weeks.

The RSGB QSL Sub-Manager for the G3LAA - NZZ callsign series is now Mr D Keely, GW00GI, whose address is: Pensarn Cottage, Bryn Du, Ty Croes, Anglesey LL63 5SH. He has taken over from Mr A Giles, G40JH.

A new 2 metre repeater GB3BF, operated by the Bedford Repeater Group became operational on Sunday the 14th of August. The repeater is located at Manton Lane, Bedford and operates on channel R2, which has its output on 145.65MHz and input on 145.05MHz. Further details and/or reports should go to the repeater keeper G1BWW, whose address is correct in the RSGB Call Book or via packet @ GB7ZPU.

Now attention all amateurs living in the East Highland area of Scotland. The RSGB is looking for more Novice Instructors to cover Wick and the surrounding area. Anyone interested is requested to ask for the booklet 'Novice Licence Training Scheme', which contains the necessary details and an application form. Contact the Amateur Radio Department at RSGB Headquarters by telephoning 0707 659015.

Finally in the main news, SSL has informed the Society that as of last Wednesday morning, the latest callsigns issued were in the G0 Victor Foxtrot and G7 Tango November series, and Novice calls in the 2 0 Alpha India and 2 1 Delta Hotel series. .

/EX

SB NEWS @ GBR < GB2RS \$GB2RS280894B

DX NEWS 28th August 2/13

Now some items of HF DX news from the weekly RSGB DX News Sheet which is edited by Brendan McCartney, G4DY0.

Date: 26 Aug 1994 01:26:40 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!swrinde!news.uh.edu!news.sccsi.com!nuchat!acs@network.ucsd.edu
Subject: Ham ftp sites
To: info-hams@ucsd.edu

Dennis Little (dlittle@tucker.com) wrote:
: An employee here is looking for sites that have ham related files (current
: software
: for g8bbq and fbb bbs software specificly). Could someone please send site
: names to
: me so that I can forward to him.

: Dennis Little
: Tucker Electronics

Hi Dennis:

A couple of sites come to mind. One is ftp.oak.oakland.edu and the other is ftp.funet.fi in Finland.

Are you with Tucker in Garland, TX?

73 de A.C. in Houston W5EZM

--

A. C. Spraggins	acs@nuchat.sccsi.com
South Coast Computing Services, Inc.	w5ezm@sugarland.ampr.org
P. O. Box 270355	(713) 917-5000
Houston, TX 77277-0355	(713) 917-5005 fax

Date: Thu, 25 Aug 1994 07:16:22 GMT

From: ihnp4.ucsd.edu!news.cerf.net!gopher.sdsc.edu!nic-nac.CSU.net!
charnel.ecst.csuchico.edu!csusac!csus.edu!netcom.com!shopson@network.ucsd.edu
Subject: International callsign server?
To: info-hams@ucsd.edu

hlb (hlb@ltis.loral.com) wrote:

:Is there an international callsign server accessible via email?

Ham Radio Callbooks:
telnet callsign.cs.buffalo.edu 2000 / 128.205.32.2 2000
telnet ns.risc.net or 155.212.2.2 (Login: hamradio)

mail info@arrl.org
offers: Ascii files about Amateur Radio and electronics.
In Body of letter: help, info, send <filename> or quit (ie send prospect)

--

shopson@Netcom.Com
Scott Hopson
Costa Mesa, Ca.
Home Page: ftp://ftp.netcom.com/pub/shopson/homepage.html
KE6LLO

Date: 26 Aug 1994 05:06:35 GMT
From: att-out!pacbell.com!uop!csus.edu!netcom.com!ix.netcom.com!
netnews@RUTGERS.EDU
Subject: Lightning Bolt Antennas
To: info-hams@ucsd.edu

In <33gki7\$5lt@oz.plymouth.edu> ae1t@oz.plymouth.edu (Dr. Peter G. Drexel) writes:

>
>
>Does anyone have experience with the Lightning Bolt quad antennas? I'm looking
at
>either the 10-15-20 or 10-12-15-17-20 model.
>
>73...
>Peter, AE1T
>
>--
>Peter Drexel |
>Department of Computer Science | ae1t @ oz.plymouth.edu (Internet)
>Plymouth State College | ae1t @ ae1t.nh.usa.noam (Packet)

>Plymouth, NH 03264

|

>

I have had my LB quad up for almost a year now....the 10, 12, 15, 17, 20 model...
and
just love it. Mine is up about 35 feet at the boom. Have done some rather
unscientific
comparisons with the 3 el yagi down the street at 45 ft.. I hear signals earlier
then
he does nd keep them later in the evening.. Excellent construction...
NO I don't work for Lightning Bolt.... just a very, very satisfied customer.

PS.... with the auto tuner on my FT-990 I can use the quad on 30 and 40 also....
I would not count on this although... I probably just stumbled into the right
length of feedline, etc.

--

Bill Brannick | brannick@ix.netcom.com

" Life is just one damned thing after another "

-- Frank Ward O'Malley

Date: 26 Aug 94 18:41:48 GMT
From: news-mail-gateway@ucsd.edu
Subject: Paddle Adjustment
To: info-hams@ucsd.edu

A CW hint that worked for me: I frequently start with a dit-dah for the
letter 'C' rather than dah-dit. My thumb which operates the dit side of
the paddle closes the contact first by mistake. Of couse, this is no good.

Solution: I adjusted the contact spacing. I had kept them spaced evenly. Now
I make the contacts closer on the dah side than the dit side.
This helps reduce my prejudice to the thumb. Someone else might
have a similar problem. The point being, equal spacing of the
paddle contacts may not always be the way to go.

KB1AWV.....Ken....IQC109@URIACC.URI.EDU

Date: 25 Aug 1994 22:54:05 GMT
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!europa.eng.gtefsd.com!
sundog.tiac.net!news.sprintlink.net!demon!steffi.demon.co.uk!
usenet@network.ucsd.edu
Subject: PK232 software? Where?
To: info-hams@ucsd.edu

Where can I get software (particularly) fax/PC oriented for the PK232 unit by AEA?

BTW: Is this still a respected/useful unit? It certainly was 10 years ago :-)

--

"Mariella Mariella Mariella"
(PGP key: send email with Subject: request pgp key)
(ASCII for text only messages)

Date: (null)
From: (null)

Date: (null)
From: (null)

Date: (null)
From: (null)

Date: (null)
From: (null)
And from Gibraltar, the prefix ZG2 may be used by all ZB2 callsigns from Friday the 2nd until Monday the 12th of September to commemorate National Day.
/EX
SB NEWS @ GBR < GB2RS \$GB2RS280894C
RALLY NEWS 28th August 3/13
Now the rally events for today, Sunday the 28th:

The Coleraine and District Amateur Radio Society Rally is being held at the Lodge Hotel, Coleraine, County Londonderry. Doors open at 12 noon. The rally features the usual trade stands, a bring and buy stall and other attractions. Refreshments will be available. Talk-in will be on two metres, channel S22.

The East Coast Amateur Radio and Computer Rally is being held at the Clacton Leisure Centre, Vista Road, Clacton on Sea, Essex. Doors open at

10.30am. It features trade stands, including radio, computers, software and accessories and a bring and buy stall. Refreshments will be available from 11am. Talk-in to be on channels S22 and SU22.

The Galashiels and District Amateur Radio Society Open Day is being held at the Focus Centre, Livingstone Place, Galashiels, Borders. Doors open at 11am. The event features all the usual trade stands, club stalls and a bring and buy stall. Refreshments will be available.

The Gloucester Radio Rally is being held at Nass Lane, Quedgeley, Gloucester. The site is located just off the old Bristol road, look for the signs. Doors open at 9am. The rally features a bring and buy stall, a car boot sale and flea market stalls.

The Torbay Rally is being held at the Clenon Valley Leisure Centre, Paignton, Devon. Doors open at 10am. The event features many trade stands, an RSGB Bookstall and Members service stand, a bring and buy stall and special interest displays. Refreshments will be available. For the family, some four minutes walk away, there is a boating lake, a beach, a steam railway and a flume water park.

Next the one event we know of for today, Sunday the 28th and Monday the 29th of August:

The Computer Fair 1994, which includes a Radio and Electronics Fair is being held at the Show Grounds, Aldridge, West Midlands. The showground is located just off the main A454, Aldridge to Walsall road, some 4 miles from the A5 or some 5 miles from the M6 junction 7. Doors open at 10am, or 9.30 for disabled visitors. The event features a summer spectacular with various shows, displays and other interests.

And finally, the events for tomorrow, Monday the 29th of August:

The Huntingdonshire Amateur Radio Society, Annual Bank Holiday Monday Rally and Junk Sale is to be held at St Peter's School, St Peter's Road, Huntingdon. This is a change of venue from the one published in RadCom. Trading commences at 10am, now in two halls, with car boot pitches also available adjacent to the halls. Hot and cold refreshments will be available. Talk-in will be on two metres, channel S22, or via GB30V on 433.125MHz, RB5.

The Scarborough Radio and Electronics and Computer Fair is to be held at The Spa, South Foreshore, Scarborough, North Yorkshire. Doors open at 11am, or 10.30 for disabled visitors. The event features the usual trade stands, a bring and buy stall, Club and Group stalls and RSGB Books. Morse Tests will be available on demand, but please remember to bring two passport size photographs. Talk-in will be on two metres, channel S22.

Next the four events we know of for next weekend, Saturday the 3rd and Sunday the 4th of September:

First on Saturday the 3rd:

The Annual Wight Wireless Rally is to be held at the Wireless Museum, Arreton Manor, near Newport, Isle of Wight. The Museum is located half-way between Newport and Sandown on the A3056. Doors open at 11am. The event features the usual trade stands and a bring and buy stall. There is no charge for admission to the Wireless Museum and the extensive gardens, but there will be a collection for the Radio Invalid and Blind Club. Refreshments will be available. Talk-in will be on two metres, channel S22. The event will be indoors if it rains. Further details from G3KPO Tel: 0983 567665.

And, for next Sunday, the 4th:

The Bristol Radio Rally which is to be held at the Brunel Centre, Temple Meads Railway Station, Bristol. Doors open at 10.30am, or at 10.15 for disabled visitors. The event features over 40 trade stands, a large bring and buy stall and an under 25 pound bring and buy stall. Refreshments will be available. Further details from G4YZR on 0275 834282.

Also the Telford Radio Rally which is to be held at the Telford Exhibition Centre, in the newer hall, Telford, Shropshire. Doors open at 10.30am. The venue has first class facilities for disabled visitors. The event features many trade stands, both large and small, an RSGB Bookstall and Enquiries stand, also many special interest group and club stands, a flea market, Novice features and a bring and buy stall. The RSGB's Morse Test will be available on demand, subject to the usual fee and the need to bring two passport size photographs. Refreshments will be available, with a sitting area. Further details from Peter, G4LSA on 0785 284388 or from John, G0GTN on 0743 249943.

And finally, the Vange Amateur Radio Society Rally which is to be held at the Laindon Community Centre, Laindon High Road, Basildon, Essex. The centre is just a few minutes walk from the British Rail Station. Doors open at 10am. The rally has the usual exhibitors. This year RSGB Morse Tests will be available on demand, remember to bring two passport-size photographs. Talk-in will be on 2 metres channel S22. For further details contact Stuart, G1VWB on 0375 859632.

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SB NEWS @ GBR < GB2RS \$GB2RS280894D

CONTEST NEWS 28th August 4/13

Now for the HF contest news:

The RSGB SSB Field Day Contest takes place next weekend, from 1500 UTC on Saturday the 3rd, until 1500 on Sunday the 4th of September on 3.5 to 28MHz, excluding the WARC bands. Full details can be found in the June edition of RadCom.

The Bulgarian CW Contest takes place from 1200 on Saturday the 3rd, until 1200 on Sunday the 4th of September on 3.5 to 28MHz. See August RadCom page 18 for further details.

Next some VHF contest news:

The RSGB 10GHz Summer Cumulative Contest takes place today, Sunday the 28th from 0900 to 2100 UTC. See April's RadCom page 82 for further details.

The RSGB 144MHz Trophy and Listeners Contest takes place from 1400 UTC on Saturday the 3rd, until 1400 on Sunday the 4th. The 4th Back Packers 144MHz Contest also takes place from 1100 to 1500 UTC on Sunday the 4th of September. See January Radcom for details.

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SB NEWS @ GBR < GB2RS \$GB2RS280894E

SPECIAL EVENTS 28th August 5/13

Special event stations active during the coming week include:

GB6RG, operated by members of the Waterside Amateur Radio Society at the Rotary Club Gala, Applemore School Playing Field, Hythe, Hampshire on Monday the 29th on HF and VHF. Contact G1AEH on 0703 783170 for further information.

GB2HFT, will be operated, by members of the Mid Sussex Amateur Radio Society at the Hassocks Fair and Twinning Association on Saturday the 3rd on HF and VHF. Further details from Phil, G3LCF on 0444 831400.

GX0FDX, operated by members of the Central Lancs Amateur Radio Club during the Open Day and Beating the Retreat at Fulwood Barracks, Preston on Saturday the 3rd on 80 to 15 metres, excluding the WARC bands. Further details from G0FQN on 0772 423741.

TM0PDC, Pas de Calais, will be aired as part of the on-going Liberation Celebrations from Friday the 2nd until Sunday the 4th of September. TM2V will be active from Monday the 5th until Wednesday the 7th of September.

/EX

SB NEWS @ GBR < GB2RS \$GB2RS280894F

SOLAR NEWS 28th August 6/13

And now the solar factual data:

The period from the 15th to the 21st of August has seen solar activity

at moderate levels with several M Class solar flares. On the 14th, the largest flare of the period took place at 1738 UTC, which was rated at M3.9/1N. Further flares took place on the 15th and 17th, two on the 18th and a single flare again on the 19th. All flares erupted from sunspot region 7765. On the 14th when the group was at its largest 29 spots were reported within the group. This is the most flare prolific period for many months. The sunspot indices generally declined, giving a mean of 56 for the period. The solar flux has not varied much day to day and averaged 75 units for the period. The 90 day solar flux average on the 21st of August was 78 units.

The geomagnetic field has, in spite of the flare activity, declined from very unsettled to quiet levels, with the period averaging only an Ap index of 8 units. The state has been 'nil nothing to report' all the period. The aa indices as supplied by the British Geological Survey for the 9th to the 15th of August were relatively quiet, with the 9th being very quiet, with periods down to only 2 nanoTeslas. The average for the daily index was 31.3 nanoTeslas about K3. The X-Ray flux levels averaged A4.4 units but were declining every day from A7.1 on the 15th to A2.0 by the 21st.

I'll repeat the figures. Spots - 56; Flux - 75; Ap index - 8; X-ray flux - A4.4.

Now the ionospheric data for Central France:

Some of the missing data is now to hand but Meudon is now only sending data twice a week which means we are still behind. The F2 daytime critical frequencies at Poitiers for the 12th to the 17th of August remained reasonably steady with the period averaging 6.7MHz. The darkness hour lows averaged 2.7MHz, with periods of Blanketing E lasting up to 4 hours some days. The highs are now about 1900 hours with the lows about 0400 hours.

I'll repeat the figures. Highs - 6.7MHz; lows - 2.7MHz.

Now the ionospheric data for the north:

We still do not have any data from Ekaterinberg - it is not known why. The GEOS-6 satellite was finally closed down on the 19th August. This was one of the first satellites that monitored the solar wind and gave the cloud weather pictures for television.

And lastly the solar forecast:

This week the active side of the sun will be rotating away and solar flux levels are expected to fall to about the 75s. The geomagnetic field

is expected to be just unsettled - about an Ap index of 10 units. MUFs during daylight in the south are expected to be about 20MHz, and the darkness hours about 11MHz. The best paths are expected to be north/south.

And that's the end of the solar information.

/EX

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GB2RS is prepared by the Radio Society of Great Britain and is broadcast in the 80m, 40m, 6m and 2m bands.
Tel +44 1707 659015 Fax +44 1707 645105

End of Info-Hams Digest V94 #964
